

DELHI URBAN SHELTER IMPROVEMENT BOARD
GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER:C-8

To

The Assistant Engineer (QC)
 Quality Control Lab., DUSIB
 VikasKutir, ITO, New Delhi

R.N.-296
 Received on 20/11/17

Part I

Dispatch No 67/AEII/C-8/DUSIB/2017-18 Date: 19/11/17

Sub: Testing of Water for construction purpose.

A. L. No. 40/EE-C-8/DUSIB/2017-18/D-679

Dated.12.10.2017

1. Name of work: C/O Shishu Vatika
 SH: Renovation and Up gradation of existing 2 Nos. Shishu Vatika along road No. 65 at Janta Mazdoor Camp Zafrabad Part-II. (Project I.D. 000008652)
2. Details from where sample is collected From site
3. Name of Circle/Division Circle III/C-8
4. Name of Junior Engineer Vishal Sharma
5. Name of Assistant Engineer Sh. J.L. Jain
6. Name of Executive Engineer Sh. P.K. Garg
7. Name of Contractor/Agency M/s Bharat Associates
8. Name of Officer collecting sample Sh. J.L. Jain
9. Date of collection: 19/11/17
10. Date of handing over the sample: 20/11/17
11. Required strength: As per CPWD Specification
12. Quantity of sample sent for testing: 5 Litre
13. Size of specimen:
14. Mark of specimen:
 Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked-----has/have been taken in my presence which represent-----quantity of works/supply made at site/store.

Signature of JE
 In charge of work

Signature of Contractor

Signature of Officer
 taking sample (EE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18 /D- 2134

Date: 22/11/17

Test No. 296 Date: 20.11.17

Date of Receipt: 20.11.17

Date of testing: 20.11.17

Date of completion of testing: 20.11.17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>7.75ml</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>2.63ml</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/ litre	<u>143.20mg/l</u>	0 - 400 mg/litre	
4.	Total suspended solids	<u>233.80mg/l</u>	<u>2000 max</u>	
5.	Chlorides (Cl ₂) in mg/litre	<u>85.19mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6.	Total solids in mg/litre	<u>185.15mg/l</u>	0 - 3000 mg/litre	ACCEPTABLE
7.	Total Organic matter in mg/litre	<u>93.35mg/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.21</u>	Should not be less than 6.	

Tested in my presence

Only testing has been conducted in this laboratory. The sample/samples has/have been collected and handed over by the field staff of the concerned division.

Assistant Engineer (QC-Lab)
 DUSIB, VikasKutir, ITO
 Govt. of N.C.T. of Delhi
 ITO, New Delhi-02

Copy to:-

1. EE/C-8
2. EE/C-8

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